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**DUPONT HASKELL GLOBAL CENTERS FOR HEALTH & ENVIRONMENTAL
SCIENCES
Discovery Toxicology Group**

Repeated Dose Oral Toxicity 7-Day Gavage Study in Mice

WORK REQUEST:	17533
SERVICE CODE:	1655
HASKELL NUMBER:	28393
DUPONT REPORT NUMBER:	24010
TESTING SOP NUMBER:	DC007-T-001
STUDY START DATE:	10/26/07
STUDY END DATE:	12/14/07
NOTEBOOK(s):	E-111389-BG
STUDY DIRECTOR:	Diane Nabb, Staff Scientist

STUDY DESIGN:

Test Substance:	Compound 48
Batch:	E111934-20
Purity:	>97%
Species:	Mouse
Strain:	CrI:CD1(ICR)
Gender:	Male
Age at start:	~6 weeks
Group Size:	5 animals/group
	30mg/kg H#28393 dose – 5 animals
Dose Levels:	30 mg/kg, only one dose level
Route:	Oral gavage
Dosing Volume:	10 ml/kg
Dose Vehicle:	Water
Dosing Frequency:	Daily, Day 0-Day 6

OBJECTIVE:

Determine target organ toxicity.

PARAMETERS:

Clinical signs, body weight, necropsy, organ weight, and histopathology

RESULTS:			
Dose 30mg/kg/day	H#28393		
Deaths:	M: 0/5		
Comment:	No deaths		
Clinical Signs:	M: 0/5		
Comment:	No treatment related clinical signs		
Body Weights:	The mean body weight of the animals on test day 7 was $98.6 \pm 4.7\%$ of control. No significant weight effect on test animals compared to controls in the 2 sample t-test.		

Gross Path	Control	H#28393		
Comment:	No visible lesions	No visible lesions		
Dose (mg/kg/day)	0	30		
Final Body Weight (g)	32.9 1.1(5)	32.5 1.6(5) 99 %		
Absolute Liver (g)	1.807 0.165 (5)	1.945 0.258(5) 108%		
Liver/Brain %	386.305 71.174(5)	398.701 42.803(5) 103%		
Liver/Body %	5.489 0.500	5.976 0.592(5) 109%		
Comment:	No treatment related effects on organ weights compared to controls.			
Histopath	Control	H#28393		
Dose (mg/kg/day)	0	30		
Comment:	Histopathology was not completed.			